

MARICOPA COUNTY ENVIRONMENTAL HEALTH CODE

CHAPTER V WATER SUPPLY

SECTION 1

REGULATION 1. Water Supply

- a. The following provisions of the Arizona Administrative Code (“A.A.C.”), including all revisions, technical corrections, and supplements published as of March 31, 2002 are incorporated by reference:

Title 18, Chapter 4, Sections 101 through 125 (including Appendix A)
(R18-4-101 through R18-4-125);

Title 18, Chapter 4, Sections 201 through 226
(R18-4-201 through R18-4-226);

Title 18, Chapter 4, Sections 301 through 317 (Including Table 1 Appendices A and B)
(R18-4-301 through R18-4-317);

Title 18, Chapter 4, Sections 401 through 402 (R18-4-401 through R18-4-402);

Title 18, Chapter 4, Sections 501 through 509 (R18-4-501 through R18-4-509);

Title 18, Chapter 4, Section 601 through 606 (including Appendices A, B, C, and D) (R18-4-601 through R18-4-606);

Title 18, Chapter 4, Section 701 through 710 (including Appendices A, B AND C) (R18-4-701 through R18-4-710);

Title 12, Chapter 15, Sections 811, 816 and 822
(R12-15-811, R12-15-816 and R12-15-822);

- b. The A.A.C. regulations adopted by reference in Subsection A. include no future Editions or Amendments.
- c. Copies of the above-described regulations adopted by reference herein are attached as Appendix 1 to this chapter.
- d. For the purpose of this Code, references to “Department” in Title 18, Chapter 4, means the Maricopa County Environmental Services Department.

REGULATION 2. Plans Submitted

- a. No person shall install any public water supply system or make additions, modifications or alterations thereto which involve a change in the plant, works, system, or sources of supply, until design criteria and complete plans and specifications for the work, together with the plans review fee, have been submitted to and have received the approval of the Department.
- b. Minimum well construction requirements are set forth in R-12-15-811, as incorporated by reference and attached as Appendix 1 to this chapter.

REGULATION 3. Permit Required

No water system covered by those regulations shall be operated or maintained in Maricopa County without a permit in force, issued by the Department.

REGULATION 4. Special Conditions - Emergencies

- a. Unsafe Supplies - The Department, upon determination that a water supply or source used or held out for use as a public water supply for domestic or culinary use does not comply with this code and may post about the water supply system such warning signs or labels as it deems necessary to protect the public; and, no person shall remove such sign or label excepting with the express written permission of the Department.
- b. The owner or operator of a public water system shall not construct or add to its system a well that is not in compliance with this chapter.
- c. Notification of Department (unsafe condition) - The owner or operator of a public water supply system shall notify the Department immediately upon learning that the water therein is contaminated or may be contaminated as required by this chapter.
- d. Emergencies - No new or emergency source of water shall be introduced into an approved water supply system and no approved treatment process or protection provision shall be altered or discontinued unless the owner of the system has an approved emergency operation plan on file with the department that is in compliance with R18-4-116 to provide safe drinking water during an emergency.
 - 1) Emergency Intake - No intakes, where water of doubtful quality may be admitted to the distribution system, shall be established or maintained in connection with a public water supply system.
 - 2) Bypasses - No bypass shall be established or maintained where-by water may be diverted around any feature of a purification process for a public water supply system unless specific approval is first obtained from the Department.
- e. Continuity of supply - No public water supply system shall be constructed or maintained which depends on hauled or transported water for continuity of the supply; excepting that in case of a controlling emergency, so declared by the Department, where such continuity is disrupted, hauled water may be introduced into the system in compliance with procedures and for such duration as is approved by the Department.

REGULATION 5. Pollution of Groundwater Prohibited

- a. No contaminated or polluted material shall be discharged directly into any water well or other well, whether constructed for that purpose or abandoned or anywhere else on or in the ground where it may or will penetrate the underlying water bearing strata or pollute or contaminate ground water.
 - 1) The prohibitions set forth in this regulation do not apply to discharges of a pollutant or pollutants into the ground that have been approved in an aquifer protection permit issued by the director of The Arizona Department of Environmental Quality pursuant to A.R.S. Title 49, Chapter 2, Article 3.
- b. Any well no longer used shall be properly sealed against the entry of pollution, contamination, or other foreign matter.

REGULATION 6. Abandoned Wells

Wells which are no longer used as a source of water supply shall be properly abandoned or capped as required by this Chapter.

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SECTION 2

TRANSPORTATION OF WATER IN BULK FOR DOMESTIC USE

REGULATION 1. Hauled Water

- a. The following Section of the Arizona Administrative Code (“A.A.C.”) including all revisions, technical corrections, and supplements published as of March 31, 2002, is incorporated by reference:

Title 18, Chapter 4 Section 125 (R18-4-125);

- b. The A.A.C. regulation adopted by reference in subsection a. includes no further EDITIONS or amendments.
- c. A copy of the above-described regulations adopted by reference herein is attached as part of Appendix 1 to this chapter.
- d. Thoroughly cleaned and disinfected food products tankers may be used to haul water when approved. Tanks or reservoirs that were previously used for transportation of products other than those stated above are specifically prohibited.
- e. Tanks and reservoirs shall be constructed of non-toxic corrosion-resistant material and the contents protected from pollution arising from leaks, drainage, dust or for any other reason. A.A.C. Title 18, Chapter 4, Section 119.B. has been incorporated by reference in Chapter V, Section 1, Regulation 1 and is attached as Appendix 1 to Chapter V.
- f. Filler-lines or hoses shall be flushed to remove all forms of contamination before being used to fill tanks or reservoirs.
- g. No part of the filler-line or hose shall be permitted to come in contact with water or any surface area within the tank.
- h. The operator of trucks engaged in hauling or transporting public domestic water shall have available approved test kits for the determination of chlorine and other disinfectants levels and shall perform such tests.

REGULATION 2. Permit Required

- a. No person shall engage in hauling or transporting water intended for public potable use without a valid permit to do so from the Department.

- b. Each vehicle use pursuant to this regulation shall have the permit number clearly displayed on the side door panels and the rear face. Such number shall be legible at all times, and not less than 3 inches high.

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[APPENDIX 1](#)

TITLE 18 ENVIRONMENTAL QUALITY

CHAPTER 4 DEPARTMENT OF ENVIRONMENTAL QUALITY, SAFE DRINKING WATER

TITLE 12 NATURAL RESOURCES

CHAPTER 15, DEPARTMENT OF WATER RESOURCES

ARTICLE 8 WELL CONSTRUCTION AND LICENSING OF WELL DRILLERS